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IN THE CLAIMS

Please amend claims 1 and 24-26, as shown below. Please add claim 28 as shown below. The following listing of claims replaces all prior listings.

1. (Currently amended). An apparatus for dispensing droplets of fluid comprising:

a <u>non-constricted</u>, <u>undivided</u> fluid chamber having an opening therein for droplet dispensing, [[;]] <u>two piezoelectric actuators</u>, and a <u>driver</u>, <u>wherein</u>:

the [[a]] first actuator is mechanically coupled to said fluid chamber and configured to alter the volume thereof;

the [[a]] second actuator is mechanically coupled to said fluid chamber and configured to alter the volume thereof, wherein said second actuator is further away from said opening than said first actuator; and

the [[a]] driver is connected to substantially simultaneously or sequentially actuate said first and second actuators so as to dispense fluid droplets from said fluid chamber.

- 2. (Original). The apparatus of Claim 1, wherein said driver is connected to actuate said second actuator prior to actuating said first actuator.
- 3. (Original) The apparatus of Claim 1, wherein said first and said second actuators are more than approximately 10 mm away from said opening.
 - 4. (Withdrawn). An apparatus for dispensing droplets of fluid comprising:

 a fluid chamber having an opening therein for droplet dispensing;

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a first actuator mechanically coupled to said fluid chamber and configured to alter the volume thereof;

a second actuator mechanically coupled to said fluid chamber and configured to alter the volume thereof; and

a driver connected to actuate said first and said second actuators so as to alter the volume of said fluid chamber, whereby a fluid response produced by said first actuator is damped by said second actuator.

- 5. (Withdrawn). The apparatus of Claim 4, wherein said driver is connected to actuate said first and said second actuators substantially simultaneously.
- 6. (Withdrawn). The apparatus of Claim 4, wherein said driver is connected to actuate said second actuator prior to actuating said first actuator.
- 7. (Withdrawn). The apparatus of Claim 4, wherein said first and said second actuators comprise piezoelectric material.
- 8. (Withdrawn). A piezoelectric fluid aspiration and dispensing device comprising a capillary having an opening in one end for aspirating and dispensing fluid, wherein said capillary is at least partially surrounded by a plurality of cylindrical piezoelectric actuators positioned behind said opening, wherein said plurality of cylindrical piezoelectric actuators are coupled to drive circuitry for actuation; and wherein said glass capillary is unrestricted behind said piezoelectric actuators so as to allow aspirated particulate material to flow away from said opening during a reverse flush cycle.
- 9. (Withdrawn). The dispensing device of Claim 8, wherein a first cylindrical piezoelectric actuator extends from approximately 16 mm behind said opening to approximately 29 mm behind said opening.

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- 10. (Withdrawn). The dispensing device of Claim 9, wherein a second cylindrical piezoelectric actuator extends from approximately 32 mm behind said opening to approximately 45 mm behind said opening.
- 11. (Withdrawn). A method of depositing a volume of fluid comprising compressing a cylindrical capillary with a plurality of cylindrical actuators.
- 12. (Withdrawn). The method of Claim 11, wherein said compressing is performed substantially simultaneously.
- 13. (Withdrawn). The method of Claim 11, wherein a first one of said plurality of cylindrical actuators is actuated before a second one of said plurality of cylindrical actuators.
 - 14. (Withdrawn). A method of droplet deposition comprising:

 altering the volume of a fluid chamber with a first actuator;

 damping a fluid response to said volume alteration with a second actuator.
- 15. (Withdrawn). The method of Claim 14, wherein said altering comprises compressing said fluid chamber.
- 16. (Withdrawn). The method of Claim 15, wherein said damping comprises compressing said fluid chamber.
- 17. (Withdrawn). The method of Claim 15, wherein said compressing is performed substantially simultaneously.
- 18. (Withdrawn). The method of Claim 17, wherein said compressing is performed sequentially.

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19. (Withdrawn). The method of Claim 14, wherein said altering comprises electrically actuating a first piece of piezoelectric material, and wherein said damping comprises electrically actuating a second piece of piezoelectric material.

- 20. (Withdrawn). The method of Claim 19, wherein said actuating a first piece of piezoelectric material and actuating a second piece of piezoelectric material are performed substantially simultaneously.
 - 21. (Withdrawn). A droplet dispensing apparatus comprising:
 - a fluid chamber;
 - a first means for altering the volume of said fluid chamber; and
 - a second means for altering the volume of said fluid chamber,

wherein second means additionally comprises means for damping a fluid response to said first means.

- 22. (Withdrawn). The droplet dispenser of Claim 21, wherein said first and said second volume altering means comprise piezoelectric material.
- 23. (Withdrawn). The droplet dispensing apparatus of Claim 22, additionally comprising a driver circuit connected in parallel to said first and said second piezoelectric means.
- 24. (Currently amended). A method of making a droplet deposition device comprising:

positioning a first <u>piezoelectric</u> actuator proximate to an ejection nozzle of a <u>non-constricted</u>, <u>undivided</u> fluid chamber;

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positioning a second <u>piezoelectric</u> actuator farther from said ejection nozzle than said first actuator; and

connecting both of said actuators to a driver.

- 25. (Currently amended). The method of Claim 24, wherein said positioning comprises substantially surrounding a glass capillary with <u>said</u> eylindrical piezoelectric actuators.
- 26. (Currently amended). The method of Claim 25, wherein said connecting comprises connecting said piezoelectric actuators in parallel to a voltage source.
 - 27. (Withdrawn). A droplet dispensing apparatus comprising:
 - a fluid chamber;
 - a first piezoelectric means for altering the volume of said fluid chamber; and a second piezoelectric means for damping a fluid response to said altering.
 - 28. (New) The apparatus of Claim 1, wherein said driver is connected to substantially simultaneously actuate said first and second actuators.